

AMENDMENTS TO THE CLAIMS:

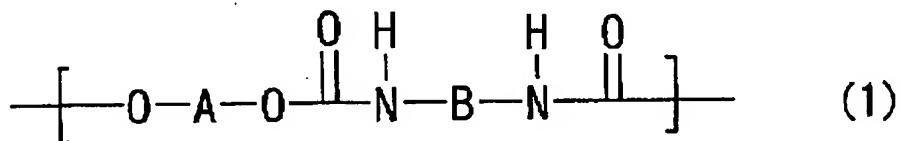
This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A paste composition comprising:

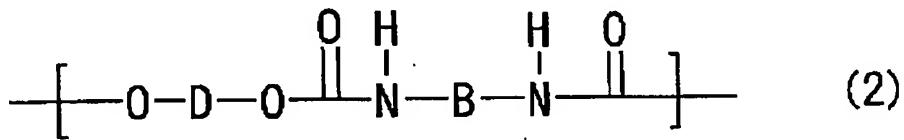
(i) a polyurethane resin which comprises:

(a) a recurring unit represented by the following formula (1):



wherein A is a group (divalent group) given by removing OH groups from a polyoxyalkylene glycol (compound A) HO-A-OH having hydroxyl groups on both terminals thereof, and B is a group (divalent group) given by removing NCO groups from a diisocyanate (compound B) OCN-B-NCO, and

(b) a recurring unit represented by the following formula (2):

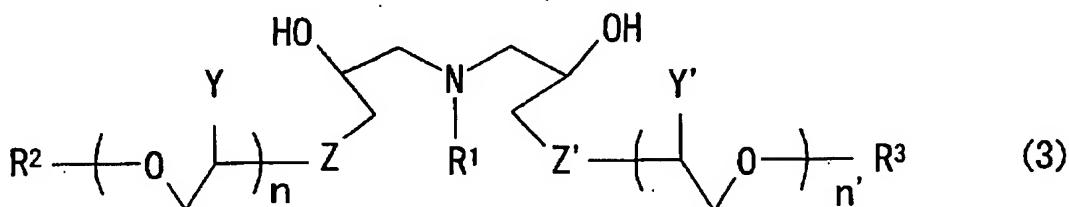


wherein D is a group (divalent group) given by removing OH groups from a comb-shaped diol HO-D-OH having at least two hydrocarbon groups (monovalent groups) of 4 to 21 carbon atoms in a molecule, and B is a group (divalent group) given by removing NCO groups from a diisocyanate (compound B) OCN-B-NCO,

said polyurethane resin having a molar fraction of the recurring unit (a) from 0.35 to 0.99 and a molar fraction of the recurring unit (b) from 0.01 to 0.65, with the proviso that the total of both the molar fractions is 1,

(ii) a solvent, and
(iii) a powder selected from the group consisting of a low-melting point glass powder and a phosphor powder.

2. (Currently Amended) The paste composition as claimed in claim 1, wherein the comb-shaped diol HO-D-OH is a comb-shaped diol (compound D) represented by the following formula (3):



wherein R¹ is a hydrocarbon or nitrogen-containing hydrocarbon group of 1 to 20 carbon atoms, R² and R³ are each a hydrocarbon group of 4 to 21 carbon atoms, a part or all of hydrogen atoms in R¹, R² and R³ may be replaced with fluorine, chlorine, bromine or iodine, and R² and R³ may be the same or different,

Y and Y' are each hydrogen, a methyl group or a CH₂Cl group, and Y and Y' may be the same or different,

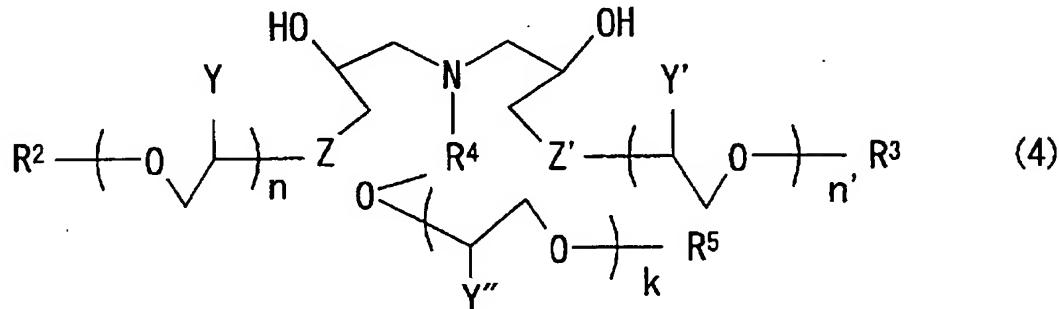
Z and Z' are each oxygen, sulfur or a CH₂ group, and Z and Z' may be the same or different,

when Z is oxygen, n is an integer of 0 to 15, and when Z is sulfur or a CH₂ group, n is 0, and

when Z' is oxygen, n' is an integer of 0 to 15, when Z' is sulfur or a CH_2 group, n' is 0, and n and n' may be the same or different;

or

a comb-shaped diol (compound D') represented by the following formula (4):



wherein R^5 is a hydrocarbon group of 1 to 20 carbon atoms, R^2 and R^3 are each a hydrocarbon group of 4 to 21 carbon atoms, a part or all of hydrogen atoms in R^5 , R^2 and R^3 may be replaced with fluorine, chlorine, bromine or iodine, and R^2 and R^3 may be the same or different,

Y , Y' and Y'' are each hydrogen, a methyl group or a CH_2Cl group, and Y and Y' may be the same or different,

Z and Z' are each oxygen, sulfur or a CH_2 group, and Z and Z' may be the same or different,

$\underline{R_4R^4}$ is an alkylene group having 2 to 4 carbon atoms in all,

k is an integer of 0 to 15,

when Z is oxygen, n is an integer of 0 to 15, and when Z is sulfur or a CH_2 group, n is 0, and

when Z' is oxygen, n' is an integer of 0 to 15, when Z' is sulfur or a CH_2 group, n' is 0, and n and n' may be the same or different.

3. (Currently Amended) The paste composition as claimed in claim 1, wherein the powder (iii) is ~~a~~the low-melting point glass powder.

4. (Currently Amended) The paste composition as claimed in claim-~~1~~3, which further comprises an inorganic filler (except the low-melting point glass powder) as the powder (iii).

5. (Currently Amended) The paste composition as claimed in claim 1, wherein the powder (iii) is ~~a~~the phosphor powder.

6. (Currently Amended) The paste composition as claimed in claim-~~1~~3, wherein the low-melting point glass powder is a dielectric glass powder.

7. (Currently Amended) The paste composition as claimed in claim-~~1~~3, wherein the low-melting point glass powder is a sealing glass powder.

8. (Currently Amended) The paste composition as claimed in claim-~~1~~3, wherein the low-melting point glass powder is a barrier rib material glass powder.

9. (Currently Amended) A dielectric layer formed from the paste composition of claim-~~1~~3.

10. (Currently Amended) A sealed product formed from the paste composition of claim-~~1~~3.

11. (Currently Amended) A barrier rib formed from the paste composition of claim-3.

12. (Currently Amended) A phosphor formed from the paste composition of claim-4 5.

13. (Currently Amended) A process for producing a dielectric layer, comprising applying or printing the paste composition of claim-4 3 on a substrate and then firing the paste composition.

14. (Currently Amended) A process for producing a sealed product, comprising applying or printing the paste composition of claim-4 3 on a substrate and then firing the paste composition.

15. (Currently Amended) A process for producing a barrier rib, comprising applying or printing the paste composition of claim-4 3 on a substrate and then firing the paste composition.

16. (Currently Amended) A process for producing a phosphor, comprising applying or printing the paste composition of claim-4 5 on a substrate and then firing the paste composition.